

Title	Stockpile bulk commodities for resource recovery using machinery		
Level	3	Credits	4

Purpose	<p>This unit standard is for people who operate machinery such as front end loaders for stockpiling recyclables and bulk recoverable resources.</p> <p>People credited with this unit standard are able to stockpile bulk commodities for resource recovery using machinery.</p>
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Classification	Resource Recovery > Resource Recovery Operations
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Available grade	Achieved
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Prerequisites	Class and endorsement of driver licence appropriate to vehicle used.
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Guidance Information

- 1 All work practices must comply with:
Health and Safety at work Act 2015;
Resource Management Act 1991;
Hazardous Substances and New Organisms Act 1996;
The New Zealand Waste Strategy: Reducing Harm, Improving Efficiency 2010
Ministry for the Environment, available at <http://www.mfe.govt.nz>.
- 2 This unit standard excludes the stockpiling of materials for composting.
- 3 Hazard controls, safety procedures, and personal protective equipment must be used throughout operations in accordance with company procedures.
- 4 **Definition**
Company procedures mean the documented methods for performing work activities and include health and safety, environmental, and quality management requirements. They may refer to manuals, codes of practice, or policy statements.

Outcomes and performance criteria

Outcome 1

Stockpile bulk commodities for resource recovery using machinery.

Range bulk commodities may include but are not limited to – ferrous metals, nonferrous metals, plastic bottles, glass; evidence is required of stockpiling two commodities.

Performance criteria

1.1 Commodities are described in terms of their stockpiling characteristics.

Range includes but is not limited to – size, weight, bulk, uniformity; may include but is not limited to – base to height ratio.

1.2 Hazards of commodities are identified and procedures for controlling them are described in accordance with company procedures.

Range includes but is not limited to – contaminants.

1.3 Stockpiling requirements are confirmed in accordance with company procedures.

Range requirements include but are not limited to stockpile – location, size, identification, product separation.

1.4 Work area is checked for hazards, and these are controlled in accordance with company procedures.

Range hazards include but are not limited to – obstructions, people in the operating area.

1.5 Commodities are collected and transferred to stockpile location in accordance with manufacturer's instructions and company procedures.

1.6 Placement of commodities maintains the evenness and stability of the pile.

Range placement – in bin, on ground, on pile; commodities may be in – fadges, bales.

1.7 Stockpiling operations ensure that contamination and intermingling of commodities are avoided, and access to work area is maintained in accordance with company procedures.

Range avoidance may include but is not limited to – identifying and minimising opportunities for intermingling.

1.8 Commodities are removed from stockpile in accordance with company procedures.

Range removal maintains stability of pile and separation of commodities.

1.9 Commodities are removed from stockpile for processing in accordance with company priorities.

This unit standard is expiring. Assessment against the standard must take place by the last date for assessment set out below.

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	26 January 2007	31 December 2025
Rollover and Revision	2	28 March 2019	31 December 2025
Review	3	24 April 2025	31 December 2025

Consent and Moderation Requirements (CMR) reference

0014

This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.